



Compliment Avid Storage with Smarter Archiving

QUANTUM ARCHIVE SOLUTION FOR AVID WORKFLOWS

The move towards 4K and higher resolutions for film and television content have put an increased importance on integrating archive into post-production workflows. Every terabyte of archived content represents a terabyte of valuable primary storage available for current projects. Post-production departments based on Avid rely on their system's project management features to streamline and optimize the editorial process. It's vitally important that archived content in these environments adhere to and maintain the Avid project structure throughout the archival and restoration process.

Quantum provides an end-to-end archive solution that maintains Avid project structure to tape, object storage, or cloud archive targets. Quantum's Avid Archive solution uses the Marquis Project Parking application and Quantum's Artico™ archive appliance to create a seamless storage environment that quickly frees up Avid storage and preserves project status, regardless of the archive target chosen.

Marquis Project Parking is an easy-to-deploy client-side application that allows editors to archive their work while maintaining all bin, edit list, and project information required to reinstate the session exactly as it was stored. Even in editorial environments where multiple users may be sharing media files across projects, Marquis intelligently manages content to ensure projects can be reinstated regardless of whether shared files were subsequently removed.

Quantum Artico is a self-managing archive appliance with built-in disk cache and support for a variety of archive storage targets including on-premise object or tape storage and off-premise public or private cloud. Artico integrates easily into Avid environments as a network-attached (NAS) target, so administrators can simply mount it as a disk in their operating system, and then point the Marquis Project Parking application to it.

The cache included in Artico keeps archived content close at hand, so that editorial work in progress can be archived and still remain easily accessible. This can save time and money by leveraging public cloud archive services without the need to pull content back from remote

marquis
BROADCAST
moves media

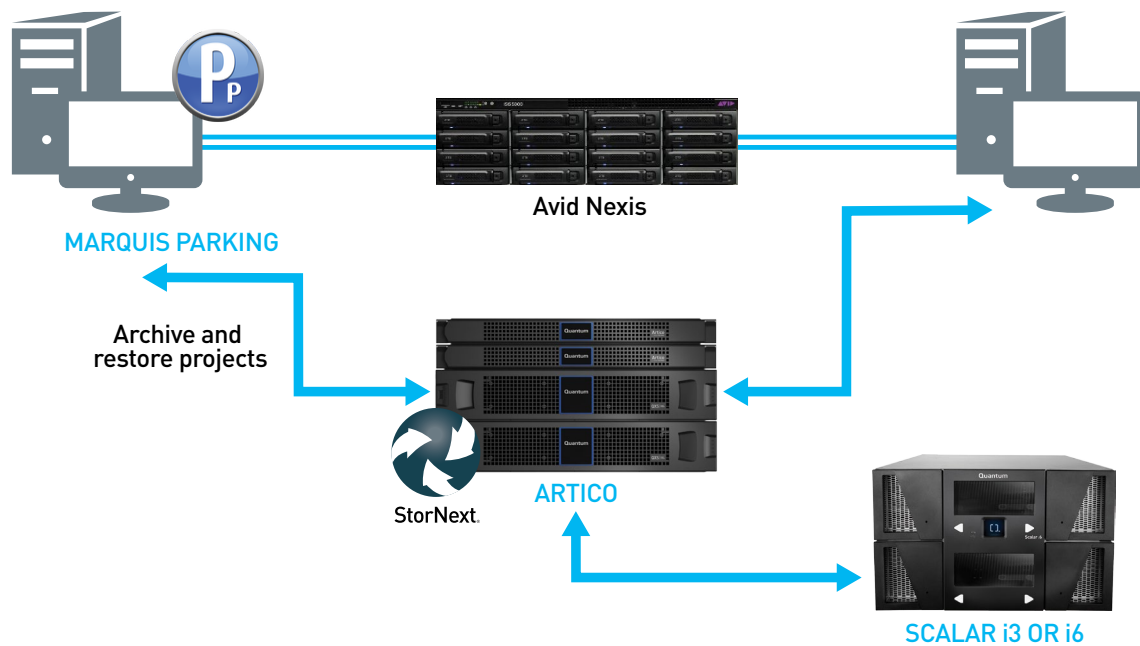
SOLUTION COMPONENTS:

- Marquis Project Parking software
- Marquis Workspace Parking software (optional)
- Windows 20XX Server (to run Parking)
- Quantum Artico NAS Appliance
- Quantum Scalar® i3 or i6 library, Lattus™ object storage or FlexTier™ (optional)
- Ethernet switch

SOLUTION BENEFITS

- **Reduce Storage Costs** – Free up space on expensive Avid ISIS by safely archiving projects to Quantum near-line or tape.
- **Analytic Insights** – Get project info by size, age, and location, and quickly identify duplicate media.
- **Intelligent Archives** – Incremental archive copies only new media and project files. Project snapshots protect work before major changes.

Figure 1. AVID Archive – Using Marquis



storage. As Artico fills up, it automatically moves files off to the lower-cost tier of storage while maintaining visibility to attached systems and applications.

The result is an archive solution that integrates into Avid workflows, provides complete control over the content and projects being archived, and automatically keeps content visible, accessible, and stored in lower-cost tiers.

PLAN FOR THE UNTHINKABLE

The majority of Avid Nexis environments lack the redundancy to easily recover from a system failure. Marquis' Workspace Parking provides 'set it and forget' business continuity rules that mitigate such risks. The rules enable administrators to easily back up their entire Nexis workspace to an Artico appliance, then recover the entire AVID Nexis Workspace or individual projects or bins to Media Composer workstations. Having a proper backup and disaster recovery environment for one's AVID Nexis storage brings peace-of-mind to facilities and their clients.

To learn more about how this solution would work in your environment, please visit us at www.StorNext.com

ABOUT MARQUIS BROADCAST

Marquis moves media and metadata between different systems in broadcast and post-production workflows. Through its media integration software and array of edit storage management tools, Marquis enables broadcasters and other digital media producers to achieve maximum efficiencies from their workflow processes. Whether moving media, metadata, sequences, or projects, Marquis can offer multi-vendor solutions that are fast and effective, allowing you to concentrate on telling the story.

ABOUT QUANTUM

Quantum is a leading expert in scale-out tiered storage, archive and data protection. The company's StorNext® platform powers modern high-performance workflows, enabling seamless, real-time collaboration and keeping content readily accessible for future use and re-monetization. More than 100,000 customers have trusted Quantum to address their most demanding content workflow needs, including top studios, major broadcasters and cutting-edge content creators. With Quantum, customers have the end-to-end storage platform they need to manage assets from ingest through finishing and into delivery and long-term preservation. See how at www.quantum.com/customerstories.

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